JOURNAL OF ELECTRON SPECTROSCOPY AND RELATED PHENOMENA
VOLUME 45(1987)

AUTHOR INDEX

Ahlers, G. 45, 403
Aizawa, T. 44, 289
Anderson, J. 44, 373
Arrecis, J.J. 44, 17
Astaldi, C. 44, 175
Auby, N. 44, 383
Auerbach, D.J. 45, 335
Bagus, P.S. 45, 169
Bauhofer, J. 44, 55
Beden, B. 45, 153
Beer, R. 44, 121
Benedek, G. 44, 281, 345
Benndorf, C. 44, 109
Berndt, R. 44, 183
Bracco, G. 44, 197
Bradshaw, A.M. 44, 305
Brivio, G.P. 45, 391
Brubaker, M.E. 44, 47
45, 57
Buck, M. 45, 237
Bürgy, H. 44, 121
Burrows, V.A. 45, 41
Calzaferri, G. 44, 121
Cavanagh, R.R. 45, 31
Chabal, Y.J. 44, 17, 325
Chazalviel, J.-N. 45, 323
Chesters, M.A. 44, 99
Choy de Martinez, M. 45, 153
Christman, S.B. 44, 17, 325
Clugnet, G. 45, 281
Comsa, G. 44, 215
Conrad, H. 44, 149
Corrigan, D.S. 45, 291
Crisa, N. 45, 227
Dalmai, G. 44, 251
Darville, J. 45, 261
Daum, W. 44, 271
David, R. 44, 215,
45, 403
De Wette, F.W. 44, 27, 397, 403
Dereux, A. 45, 261
Devescovi, A. 45, 391
Djafari-Rouhani, B. 45, 197
Doak, R.B. 44, 205
Doyen, G. 44, 333,
45, 227
Drakova, D. 44, 333,
45, 227
Egdell, R.G. 45, 177
Erley, W. 44, 65
Erskine, J.L. 44, 27
Estrup, P.J. 44, 17
Ewing, G.E. 45, 99
Feng, W. 44, 149
Flavell, W.R. 45, 177
Folman, M. 44, 89
45, 249
Fons, S. 45, 303
Franchy, R. 44, 289, 317
Froitzheim, H. 45, 19
Gadzuk, J.W. 45, 371
Gao, P. 45, 291
Geng, P. 44, 175
Gilles, J.-M. 45, 261
Godfrey, D.C. 45, 351
Gortel, Z.W. 45, 79
Gosztola, D. 45, 291
Gray-Grychowski, Z.J.T. 45, 177
Grimley, T.B. 45, 391
Hahn, F. 45, 153
Halstead, D. 45, 207
Hamann, D.R. 44, 1
Hammer, L. 44, 141
Haochang, P. 45, 361
Hayden, B.E. 44, 297
45, 351
Heidberg, J. 44, 89
45, 87, 249
Heilweil, E.J. 45, 31
Hess, P. 45, 237
Ho, W. 45, 1
Hock, M. 44, 55
Hodgson, A. 45, 207
Hoffmann, F.M. 45, 215, 421
Hollins, P. 44, 305
Holloway, S. 45, 207
Horn, T.C.M. 45, 361
Hübner, R. 44, 333
Ibach, H. 44, 263, 317, 393
Ishizawa, Y. 44, 289
Ito, M. 45, 161
Jacobi, K. 44, 175
Jakob, P. 44, 131
Jobic, H. 45, 281
Jost, D. 44, 345
Joyce, B.A. 45, 177
Kamber, I. 44, 121
Kawamura, S. 44, 79
Kern, K. 44, 215
Khater, A. 44, 361
Kleyn, A.W. 45, 361
Kordesch, M.E. 44, 149
Kozirovski, Y. 44, 89
Kress, W. 44, 403
Kreuzer, H.J. 45, 79
Krischer, K. 45, 133
Kulkarni, A.D. 44, 27, 397
Küppers, J. 44, 55

Lamy, C. 45, 153
Langowski, C. 45, 249
Lapeyre, G.J. 44, 373
Lehwald, S. 44, 263, 393
Leung, L.-W. H. 45, 291
Lindner, H. 44, 141
Linke, U. 44, 197
Lloyd, D.R. 44, 131
Lopez-Rios, T. 45, 65
Malik, I.J. 45, 57
McCash, E.M. 44, 99
Menzel, D. 44, 131
Miglio, L. 44, 281
Mila, F. 44, 361, 383
Mills, D.L. 44, 239
Moriguchi, T. 45, 123
Mrozek, I. 45, 143
Müller, K. 44, 141
Nakamura, J. 44, 79
Nakao, Y. 45, 113, 189
Neave, J.H. 45, 177
Nelin, C.J. 45, 169
Neubauer, G. 45, 249
Nguyen, D.B. 44, 205
Nieber, B. 44, 109
Nougaoui, A. 45, 197
Oshima, C. 44, 289
Otani, S. 44, 289
Otto, A. 45, 143
Ozanam, F. 45, 323
Palmer, R.E. 44, 229, 355
Peremans, A. 45, 261
Persson, B.N.J. 45, 215
Pettinger, B. 45, 133
Philpott, M.R. 45, 169
Piercy, P. 45, 79
Poelman, H. 44, 251
Pons, S. 45, 303
Prade, J. 44, 397, 403
Prybyla, J.A. 44, 17
Reiger, R. 44, 403
Reinecke, T.L. 45, 413
Renouprez, A. 45, 281
Rettner, C.T. 45, 335
Reutt, J.E. 44, 325
Richardson, H.H. 45, 99
Robbins, J.L. 45, 421
Robinson, A.W. 44, 297
Ruggerone, P. 44, 281
Rupprecht, D. 44, 141
Sasaki, H. 45, 161
Scarano, D. 45, 269
Schaefer, J.A. 44, 163, 373
Schröder, U. 44, 403
Schröter, L. 45, 403
Schulze, M. 45, 19
Schweizer, E. 44, 305
Seki, H. 45, 169
Souda, S. 44, 289
Spoto, G. 45, 269
Stahmer, K.-W. 45, 87
Stein, H. 45, 87
Stenzel, W. 44, 149
Stephenson, J.C. 45, 31
Stradling, R.A. 45, 177
Szeftel, J. 44, 361, 383
Takahashi, M. 45, 161
Tanaka, K. 44, 79
Tatarek, R. 44, 197
Tatsuyama, C. 45, 123
Terreni, S. 44, 197
Teshima, R. 45, 79
Tiersten, S.C. 45, 413
Toba, K. 45, 113
Toennies, J.P. 44, 183
Tommasini, F. 44, 197
Trenary, M. 44, 47
45, 57
Tsidoni, E. 44, 89
Tucker, P.M. 44, 297
Tully, J.C. 45, 381
Tüshaus, M. 44, 305
Ueba, H. 44, 37
45, 123
Vennik, J. 44, 251
Vigneron, J.-P. 45, 261
Voigtländer B. 44, 263
Weaver, M. 44, 149
Weaver, M.J. 45, 291
Weber, H.P. 44, 345
Weiss, H. 45, 87
Wilkes, J.L. 44, 229, 355
Willis, R.F. 44, 229, 355
Wolf, F. 44, 393
Wöll, Ch. 44, 183
Woods, J.P. 44, 27
Wuttig, M. 44, 317
Yamada, H. 45, 113, 189
Yamada, T. 44, 79
Ying, S.C. 45, 413
Zacharias, H. 45, 403
Zecchina, A. 45, 269
Zeppenfeld, P. 44, 215

JOURNAL OF ELECTRON SPECTROSCOPY AND RELATED PHENOMENA
VOLUME 45(1987)

SUBJECT INDEX

ablation 45, 237, 249
acetonitrile 45, 323
Adatoms 45, 413
Ag 44, 271
Ag colloids 45, 133
Ag film 45, 65, 113, 123, 143, 189
Ag(110) 44, 197
Ag(111) 45, 361
Al(111) 44, 175
alkynes 44, 99
ARUPS 44, 109
Au 45, 291
benzene 45, 143
benzonitrile 44, 149
C_2N_2 44, 149
$C_6H_5CF_3$ 45, 249
$C_6H_{10}Cl_2$ 45, 237
carbon 44, 383
CH_3CN 44, 65
CH_3F 44, 89
CH_4 45, 207, 335
chaos 45, 371
charge transfer bands 45, 113
chemical shift 44, 37
cluster calculations 45, 169
CN^- 45, 169
CO 44, 37, 65, 89, 183, 305 45, 19, 87, 99, 153, 169, 215, 227, 269, 291, 303, 351
CO adsorption 45, 421
CO dissociation 45, 351
CO-oxidation 45, 41
CO/H co-adsorption 44, 55
CO/K co-adsorption 44, 297
CO_2 44, 141, 45, 291, 335
CO_2/O co-adsorption 44, 141
coherent potential approximation 44, 37
Cu 44, 37, 45, 261
Cu(100) 44, 271, 317, 45, 169, 227
Cu(110) 45, 351
Cu(111) 44, 65, 99, 149
Cu/SiO_2 45, 269
cyanation 44, 149
cyanides 45, 303
cyclohexane 45, 143
dephasing 45, 215
desorption 45, 403
deuterium 45, 403
dipole coupling 44, 37, 47, 297 305, 45, 215, 269
dispersed systems 45, 269
dye molecules 45, 123, 133
dynamic symbiosis 45, 371
EELS 44, 27, 55, 79, 109, 131, 141, 149, 163, 175, 229, 251, 263, 271, 289, 317, 355, 373, 393, 45, 1, 19, 177
--, theory of 44, 239
electrode surfaces 45, 153, 161 169, 291, 303, 323
electromodulation 45, 323
ethylene oxide 44, 109
ethylidyne 45, 57
Fe(111) 45, 207, 335
Fermi resonance 45, 57
fluorescence 45, 123
formic acid 45, 153
GaAs 45, 177
GaAs(110) 44, 205
Ge 44, 121
$Ge_xSi_{(1-x)}(100)$ 44, 163
graphite 44, 229, 355
graphite film 44, 89
H_2-D_2 isotope exchange 44, 79
harpooning 45, 361
HCN 44, 149
He scattering 44, 183, 197, 205, 215
heptylviologen 45, 161
heterostructures 45, 177
hindered translations 44, 183
hydrogen 44, 1, 17, 27, 183, 263, 281, 325, 333 45, 1, 207, 281, 391, 421
incommensurate overlayers 44, 215
Infrared ATR 44, 121 45, 189, 323
IR transmission 44, 89, 45, 31, 99, 269
IRAS 44, 17, 47, 65, 99, 297, 305, 325, 45, 41, 57, 153, 161, 169, 215, 291, 303, 421
K 45, 361
kinetics 45, 1, 19, 41
Langmuir-Blodgett films 45, 189
laser excitation 44, 345
laser-induced desorption 45, 79, 87, 237, 249, 261
local density calculations 44, 1
metal carbonyls 45, 31

Mo(100) 44, 17, 325
model Hamiltonian 45, 227
molecular scattering 45, 207, 335, 351, 361, 371, 381, 391
--, theory of 45, 227
NaCl 45, 87, 99
N_2 44, 47
45, 1, 207, 335
negative ion resonance 44, 229
neutron scattering 45, 281
NH_3 45, 261, 335
Ni film 45, 189
Ni(100) 44, 79, 183, 271, 361, 383,
Ni(110) 44, 47, 55, 141, 263, 333, 393
Ni(111) 44, 109
NO 44, 89, 45, 1, 249, 335
O/H co-adsorption 44, 79
O_2^+ 45, 361
optical absorption 45, 123
overtones 44, 325, 45, 57
oxidation 44, 163, 175
oxygen 44, 183, 197, 229, 317, 361 45, 1
Pd 45, 291
Pd(100) 45, 403
perovskites 44, 403
phonon dispersion 44, 183, 197, 205, 215, 271, 289, 355, 393
--, calculation of, 44, 27, 239, 281, 361, 383, 397, 403, 45, 197
phonon interactions 45, 413
photodesorption
--, theory of 45, 79
picoline 45, 113
plasmons 45, 177
potential curve 45, 227, 351, 371
Pt 45, 41, 161, 291
Pt(110) 44, 297
Pt(111) 44, 215, 305, 325 45, 19, 57
pyridine 44, 131 45, 65, 113, 143
Raman scattering 45, 123
Raney nickel 45, 281
rare gases 44, 215
Rayleigh wave 44, 197, 215, 271 289, 345
reconstruction 44, 17, 263, 317, 403
--, theory of 44, 333
Rh(100) 45, 1
rhodium 45, 153
Ru(001) 44, 131 45, 215, 421
S 44, 79
selection rules 44, 317
45, 57
selective adsorption 44, 205
SERS 45, 65, 113, 133, 143, 291, 303
Si 45, 323
Si(100) 44, 163, 45, 413
Si(111) 44, 281, 345, 373
siloxanes 44, 121
soft phonon modes 44, 263, 333, 403
sticking 45, 335, 351,
--, calculation of 45, 207, 391
substrate phonons 44, 27, 197, 205, 239, 251, 289, 317, 373, 397, 403, 45, 177, 197
superlattices 45, 177, 197
supported catalysts 45, 269
surface defects 44, 305
surface phase transitions 44, 17
surface stress 44, 393
TCNE 44, 65
time-resolved vibrational spectroscopy 45, 31
TOF 44, 183, 215 45, 237, 249, 403
trajectory calculations 45, 381
transition metals 44, 1
two-photon ionisation 45, 335, 403
V_2O_5 44, 251
vibrational frequencies 45, 169
--, calculation of 44, 1, 45, 169
vibrational lineshape 45, 215
--, theory of 45, 381
vibrational relaxation 45, 31
W(100) 44, 17, 27, 325, 397, 45, 413
W(110) 45, 207, 335
XPS 44, 163
ZnSe 44, 121
ZrC(100) 44, 289